

Career and Technical Education in North Carolina

- At the secondary level, CTE is delivered through comprehensive high schools; CTE-focused high schools, which teach core academic subjects in the context of specific career training; career academies and STEM education and thematic schools, which teach academics and technical subjects around a career focus; and early/middle college schools, which allow students to simultaneously earn a high school diploma and an associate's degree or up to two years of credit toward a bachelor's degree.
- At the postsecondary level, CTE is delivered through the state's community colleges.
- Learn more at <http://www.dpi.state.nc.us/cte> and NCACTEonline.org.

In school year 2015-2016, North Carolina served **883,890** CTE high school students and **121,745** CTE postsecondary students.

In Fiscal Year 2016, North Carolina received **\$35,851,876** in federal Perkins funding—\$308,000 less than in 2015 and \$3 million less than in 2010.

Exemplary CTE Programs in North Carolina

- The [North Carolina Department of Public Instruction \(NCDPI\)](#), recognizing industry demand for a skilled workforce, adopted NCCER curricula for their CTE construction programs in 2010. Currently, NCDPI offers high school students training in carpentry, construction technology, electrical, HVAC, masonry, plumbing, welding and weatherization. Each curricular area is carefully reviewed by industry, construction-related associations and workforce development agencies, and partners serve on advisory committees, mentor students, provide materials and judge competitions. As of 2016, nearly 20,000 students have earned NCCER credentials, and construction students are part of the reason the state's CTE programs boast a graduation rate of 94 percent. College credit is available through NCDPI's partnership with the North Carolina Community College System, where students can continue their education in building construction technology, carpentry, masonry, plumbing and architectural technology, among other areas. (*Information from "CTE: They Key to Economic Development in Construction and Architecture"*)
- [Forsyth Technical Community College](#) in Winston-Salem provides students with flexible educational pathways to a competitive workforce for the community and global economy. It has the largest health technology program of any community college in North Carolina and is home to the National Center for the Biotechnology Workforce, a key part of the North Carolina Community College System's BioNetwork workforce training and education resource. The Biotechnology program at Forsyth Tech prepares students to be skilled laboratory technicians in various fields of biological and chemical technology. Graduates may find employment with industry or the government, in research and development, manufacturing, sales and customer service. Day and evening programs are available. (*Information from Forsyth Tech*)

In school year 2015-2016:

- **98** percent of North Carolina CTE high school students graduated
- **76** percent met performance goals for technical skills
- **93** percent went on to postsecondary education, the workforce or the military
- **80** percent of North Carolina CTE postsecondary students met performance goals for technical skills